
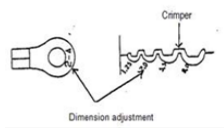
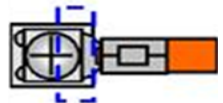
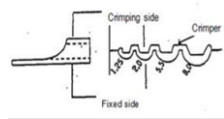
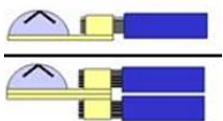
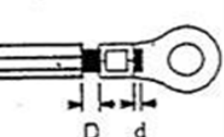
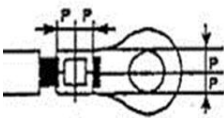
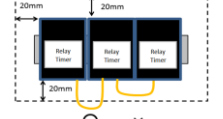

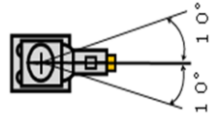


Electrical Circuit Troubleshooting EX1-1						MASIF Referee		Contestant		Total score deducted	
Station no : _____											
④ Wiring operation, Wiring connection (O = OK , X = NG)						⑤ Crimping (O = OK , X = NG)					
Check Position that is related to repair only	Picture	Cable no.1		Cable no.2		Check Position that is related to repair only	Picture	Cable no.1		Cable no.2	
		Left	Right	Left	Right			Left	Right	Left	Right
a. Is fitting screw loose or not? (Screwdriver must not movement more than 10°)						a. Are crimping terminal and tools size appropriate or not? (1.25 mm)					
b. Is terminal insertion shallow or not? (Must have no gap , less than 0.5 mm.)						b. Is crimping direction opposite or not? (Front size is OK)					
c. Defective contact between the crimping terminals? (Surface must contact)						c. Is protrusion (stick out) of core wire over or not enough or not? (0.5mm < D < 1.0 mm) (0 mm < d < 0.5 mm)					
d. Have scratch on the wiring coating or not?						d. Does crimping position mismatch to left or right, forward and backward or not? (Check Front size only)					
e. Wiring length is appropriate? (Away from socket and terminal block 20mm, Not						e. Does wire stick out or wire break or not?					
f. Have Serious inclination (slant) of terminal or not? (Left/right, Upper/lower less than 10°)						f. When we pull the wiring, will it come out or not?					
Rank A 0 point	Rank C 1 points	Rank D 2 points	Rank E 3 points	Rank F 5 points	Rank A 0 point	Rank C 1 points	Rank D 2 points	Rank E 3 points	Rank F 5 points		
0 Defect	Defect 1 position	Defect 2 positions	Defect 3 positions	Defect 4 positions or more	0 Defect	Defect 1 position	Defect 2 positions	Defect 3 positions	Defect 4 positions or more		